

you can  
**Canon**

**EOS 40D**

**EOS 450D**

The Power & The Passion.







# Get ready for more

At Canon, we believe that to be worthy of carrying the EOS name, a camera must produce nothing short of the very finest possible image quality. It must be thrilling to handle – aggressively fast, delightfully intuitive and reassuringly comfortable. And finally, because so many great shots offer themselves only once, it must be unfailingly reliable.

The Canon EOS 40D and EOS 450D let you capture images that reflect your passion for photography. Every one of the more than 1,300 components that go into each camera is geared towards helping you shoot the perfect photo.

At the heart of both models you'll find a Canon CMOS sensor: guaranteeing crisp, high fidelity images at ISO settings as sensitive as 3200 (1600 on the EOS 450D) and protected by the EOS Integrated Cleaning System.

A DIGIC III processor in each camera delivers ultra-responsive operation, blink-of-an-eye start-up times and fast burst rates: in the case of the EOS 40D, up to 75 images at a rapid-fire 6.5 fps.

Because being inventive can mean going for an awkward angle, both cameras include a large 3.0" LCD screen with Live View mode – an invaluable addition for photographers thinking beyond the obvious.

Lock onto moving subjects with auto focus that is faster than the human eye. Customise your set-up with access to EF and EF-S lenses, the EX-Series Speedlite flash system and other exciting EOS accessories. Get ready for a system that will match your creativity, every step of the way.

# Welcome to control

On the top of both cameras you'll find the Mode Dial. With a mode for every situation and experience level, it is the fast lane to honing your craft. In whichever mode you shoot, hit the Info button during playback to learn what works – and what doesn't – from the full report of camera settings, which even graphs your exposure with a histogram.

## BASIC ZONE MODES

### FULL AUTOMATIC

With the exception of image quality, all exposure decisions are taken by the camera. AI Focus evaluates subject movement and switches automatically between one-shot AF and AI Servo AF.

### PORTRAIT

To emphasise the subject, aperture is maximised to narrow depth of field and create background blur. Drive mode is set to Continuous Shooting (3 fps Low-Speed in the EOS 40D).

### LANDSCAPE

Combines slower shutter speeds with smaller aperture settings to increase the depth of field. The built-in flash is disabled even if raised, making this mode good for flash-free night scenes.

### MACRO

Optimises settings for close-up photography, taking advantage of the minimum focal distance information passed from the EF or EF-S lens fitted.



### SPORTS

Uses fast shutter speeds and AI Servo mode to freeze fast-moving subjects. An EOS exclusive feature, AI Servo uses Artificial Intelligence to determine the vector of moving subjects before focusing the lens to a predicted position.



### NIGHT PORTRAIT

Ideal for shooting people at sunset, this setting uses flash to illuminate the subject and a long exposure for the background. A tripod is recommended to prevent motion blur.



### FLASH OFF

Avoids harsh flash and encourages long exposures by disabling both the internal and any external flash. Settings such as focus, ISO and White Balance are set to auto.

## CREATIVE ZONE MODES

### P PROGRAM AE

Aperture and shutter speed are selected automatically, but you can vary the aperture/shutter combination while maintaining correct exposure by turning the Main Dial.

### T<sub>v</sub> SHUTTER-PRIORITY AE

Set the shutter speed anywhere from 1/8,000 to 30 seconds and the camera calculates and selects the optimum aperture setting. You control all other variables, including exposure compensation.

### A<sub>v</sub> APERTURE-PRIORITY AE

The 'reverse' of T<sub>v</sub>, you set the aperture to any f-stop available for the lens fitted, and the camera sets the shutter speed for accurate exposure.

### M MANUAL EXPOSURE

You control both shutter speed and aperture. Shutter speed range is extended to include bulb, for up to 2.5 hour\* exposures. Spot metering, normally the preserve of professional cameras, allows accurate metering off a very specific area of the scene (3.8% EOS 40D, 4% EOS 450D).

### A-DEP AUTOMATIC DEPTH OF FIELD AE

Lens aperture and focus distance are set by the camera to achieve the widest possible depth of field, rendering in sharp focus all subject areas detected with the AF points.

\* When fitted with Battery Grip BG-E2N (EOS 40D) or Battery Grip BG-E5 (EOS 450D)



## C1 CAMERA USER SETTINGS

Available on the EOS 40D and popular amongst working photographers, these positions allow quick recall of three complete camera setups. Every setting is stored: menu options, ISO, custom settings, Exposure Compensation, White Balance, Picture Style parameters and more. This is useful when shooting events with multiple lighting conditions, such as inside and outside the church at a wedding.

## C2

## C3

## ISO BETTER ISO CONTROL, LESS SHAKE

When enabled, Auto ISO sets a default of ISO 400 for all Creative Zone modes. Depending on the mode, Auto ISO then moves between ISO 100 and 800 to minimise motion blur under detected conditions. A handy new feature on both cameras displays ISO at all times in the viewfinder.



## PICTURE STYLE PRESETS

With Digital EOS, changing film types to achieve a certain look is a thing of the past. Now you can simply select from one of six pre-set EOS Picture Styles – including Black & White with comprehensive filter effects. Each Picture Style has its own tone and colour response and the option of tuning sharpness, contrast, saturation and colour tone.



© Dom Daher



Capture fast-moving subjects effortlessly with the EOS 40D and EOS 450D. Both cameras feature lightning-fast shutter responses, dynamic operability and start-up times that let you start shooting before the camera reaches your eye.

## FREEZE THE ACTION

Canon's EX-Series Speedlites combine ultra-rapid refresh rates and long-distance reach; the perfect addition to your kit when shooting fast-paced action. The EOS E-TTL II system takes into account lens focus distance information for consistent exposures. New on both cameras is the ability to control all the external Speedlite settings directly from the cameras' menu systems.

## AMONGST THE ACTION

From ultra-wide 'inside-the-action' shots, to Image Stabilized telephoto work capturing every expression: access to the full range of EF and EF-S lenses puts you at the heart of the action every time. As with many other EF and EF-S lenses, the EF-S 55-250mm f/4-5.6 IS features Canon's latest 4-stop equivalent Image Stabilizer – allowing shutter speeds up to 4 times slower without any perceptible increase in image blur. For added ease of use the IS system features panning detection, which prevents the lens from mistakenly correcting intentional movements.



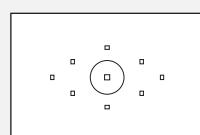
## DIGIC III

Powering 14-bit image processing and instantaneous, sophisticated image review, Canon's DIGIC III processor also drives fast, uninterrupted frame bursts. Shoot at 3.5 fps with the EOS 450D, or up to 75 frames at 6.5 fps with the EOS 40D. DIGIC III also accounts for 0.2 second startup times and more shots from every battery charge.



## FOLLOW THE ACTION

To ensure greater accuracy and speed, both cameras use 9 point auto focus systems with cross-type centre points, sensitive in both the vertical and horizontal directions. For extra speed and precision, all 9 points on the EOS 40D are cross-type – locking onto subjects faster than the human eye, even in low light or low contrast settings. An ultra-sensitive central AF point, oriented at 45° for improved accuracy, functions with f/2.8 and faster lenses.



# Wildlife



Few subjects are as unpredictable as wildlife. Fast reactions are essential, and opportunities for great shots rare. EOS technology gives you the upper hand when capturing split-second encounters with the natural world.

## GETTING CLOSE

Lightweight enough to take into the field, the EF 70-200mm f/4L IS USM is the perfect wildlife telephoto. EF and EF-S lenses keep Image Stabilization (IS) where it belongs – in the lens. Tailored to the specific lens on which it is deployed, Canon's IS reduces image blur when shooting without a tripod. A particularly useful feature for wildlife photography is Mode 2, which turns off IS automatically in the horizontal or vertical direction when deliberate panning is detected.

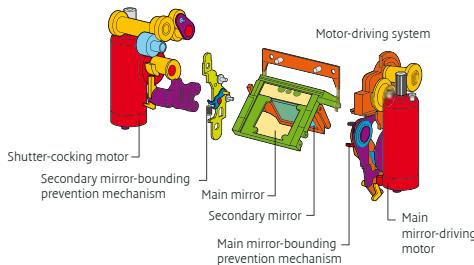




© Andy Rouse

#### Two-Motor System

Shutter-cocking system



#### DO NOT DISTURB

Motorised and damped in both directions, the whisper-quiet mirror mechanism on the EOS 40D won't frighten timid subjects. Rated at over 100,000 cycles, its short blackout times keep you focused on catching more

perfect moments. Available in Live View mode, an electronic 1st curtain shutter mimics the high speed mechanical shutter, allowing virtually silent operation in extra sensitive situations.

#### EASY HANDLING FOR ELUSIVE SUBJECTS

Both cameras are built for enjoyable, intuitive handling. Large, ergonomic grips encourage a steady hand. The EOS 40D's quick control dial lets you change modes instantly. Big, bright, high magnification viewfinders provide the coverage you need when framing a fast-moving subject.



#### LOCK ONTO YOUR TARGET

Canon's Auto Focus system uses widely distributed focus points, locking quickly and accurately on off-centre subjects and supporting 'rule-of-thirds' compositions. And whether shooting a charging rhino or stampeding children, AI Servo AF mode tracks subjects advancing or retreating at up to 50km/h, at distances as near as 8 metres away\*.

\* Approx. shooting distance when using an EF 300mm f/2.8L IS USM lens.

Harness the power of the EOS system to take spellbinding portraits. Canon's own-brand technologies give you superior reproduction of every fine detail, capturing the complexity of skin tones with total accuracy and offering numerous options for creative customisation.

## FINE LIGHTING, GREAT PORTRAITS

Create a sparkle in your subject's eye by extending the catchlight reflector on your Speedlite 580EX II in the vertical bounce position. Fit an ST-E2 Speedlite Transmitter – as shown – and use it to trigger any compatible Speedlite off-camera for indirect flash. And for more sophisticated lighting setups, you can control and fire multiple banks of compatible Speedlites directly from the camera.



## CANDID KIDS

Incorporating Contrast Detect AF, Live View Mode on the EOS 450D allows compact camera style auto focus. This is ideal for photographing children, who can become camera-shy when you bring a camera to your face.

## PERFECT PORTRAIT LENS

With its large 1.8 aperture, the specialised medium telephoto EF 85mm f/1.8 USM is the ideal portraiture lens, offering beautiful background blur and superb delineation. At maximum aperture, fine focus adjustments from the tips of the eyelashes to the eye itself are possible.

## EXTRA POWER

A handy source of extended power, EOS battery grips accept both Canon Lithium-ion batteries and standard AA batteries – ensuring that spare batteries are always easy to find. For extra comfort while shooting in portrait orientation, grips feature specially-placed controls for all essential functions: a main dial, plus shutter, AE Lock and AF point selection buttons.



© Jeroen van Amelsvoort

#### FLAWLESS DETAIL

With simultaneous RAW and JPEG shooting at resolutions of 12.2 Megapixels (EOS 450D) and 10.1 Megapixels (EOS 40D), both cameras recreate the complexity of skin tones with ease – producing detailed, 14-bit rich colour depth files, ready for post processing and poster-size reproduction.

For the subtlest tonal gradations, the larger pixel sites of the EOS 40D CMOS sensor produce a wide dynamic range. Highlight Tone Priority in both cameras maximises detail in bright areas. Auto Lighting Optimizer corrects underexposed images and improves skin tones in faces detected within the frame.



# L a n d s c a p e s

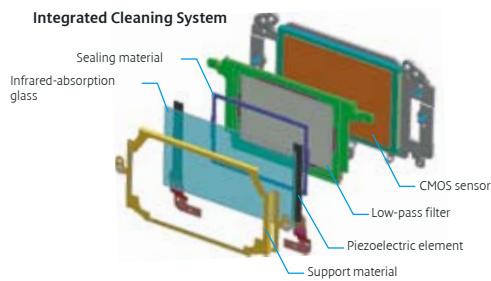


© Jeroen van Amelsvoort

Shoot outdoors without compromise, no matter where you go. Light and compact, the EOS 450D is the definitive travel camera, while the rugged magnesium alloy body of the EOS 40D gives you the confidence to carry on shooting in every situation.

## KEEPING IT CLEAN

To keep your CMOS sensor pristine, Canon's Integrated Cleaning System combats external and internally-generated dust in three separate ways – Reducing, Repelling and Removing. Any stubborn remaining dust is tackled with Canon's internal Dust Delete Data system. This maps the position of visible dust for automatic post-shoot delete with the supplied Digital Photo Professional software.





#### TAKE A WIDER VIEW

The giant 3.0" LCD gracing both cameras makes for more enjoyable review and easier, more accurate checks for sharpness and composition. Used with Live View mode, it helps frame landscape shots when using a tripod, or shooting from angles where viewfinder use is impractical. And no matter how low, high or wide your camera is mounted, an ultra-wide viewing angle makes composition and review a breeze.

#### TAMING THE SUN

The best defence against flare that causes poor contrast when shooting towards the sun is a Canon hood. Professional L-series lenses come boxed with a hood, designed for optimum results without vignetting. For all other Canon EF and EF-S lenses, hoods are available as an optional extra – to find the specific hood for your lens, check the compatibility chart on page 19.



#### CREATIVE PANORAMAS

Explore a very different side of photography with Canon's range of Tilt-and-Shift lenses. Shift to correct or exaggerate distortion when photographing tall or long objects. Tilt the plane of focus to bring two objects at vastly different distances from the camera into focus while maintaining a narrow depth of field, for striking 'miniature landscape' effects.





Macro photography celebrates the things that it's all too easy to miss. With the EOS system's dedicated range of macro lenses and accessories, you can customise your set-up to capture even the tiniest subjects – in breathtaking, perfectly-lit detail.



#### WORKING CLOSE

Find the perfect lens for every macro situation – from the lightweight, compact EF 50mm f/2.5, which doubles as a general-purpose lens, to the EF 180mm F/3.5L Macro USM, ideal for easily-disturbed subjects like insects. Choose manual focus or fast, near-silent USM auto focus. Use an extender to help fill your frame with subjects to which you can't – or shouldn't – get too close.

#### LIVE VIEW MODE

Available on both cameras, Live View mode shooting adds a new dimension to Macro photography. With up to 10x magnification of the real-time 3.0" LCD image available, manual focus can be fine tuned to perfection – especially useful in low light settings or when the camera is positioned such that checking focus through the eye-piece is awkward or impossible. And because Live View mode uses an electronic 1st curtain shutter, shutter lag is even further reduced for near-instantaneous shooting.

#### KEEP STILL

Vibrations from the movement of an SLR camera's mirror can result in image blur, particularly during macro shooting. To avoid this, both the EOS 450D and EOS 40D feature a mirror lock function, to secure the mirror before firing the shutter. And with a Canon wired or wireless controller, you can position and focus your camera and fire the shutter remotely, reducing any possibility of image blur.

#### LIGHTING FOR A TINY WORLD

Discover the secret to evenly lit subjects with Canon's specialised flash units. The Macro Ring Lite MR-14EX provides soft, even, shadow-free lighting, ideal for detailed subjects. The Macro Twin Lite MT-24EX features two fully adjustable flash heads – removable for mounting off-camera – the ultimate in versatile directional lighting. External flashes work with the E-TTL II flash system, integrating distance information from most EF or EF-S lenses to calculate exactly the required flash strength.

# After the Shoot

From processing to printing, give your shots the best treatment possible. Canon's dedicated software and photo printers provide an unbroken chain of EOS quality imaging.

## FROM CAMERA TO PRINT IN SECONDS

Canon's PIXMA printers deliver vibrant, photo lab quality prints in sizes up to A3, which use ChromaLife100 technology to stay guarded against fading for up to 100 years\*. Direct printing via PictBridge means you don't even need to switch on your computer to get started. And for total home photo lab functionality, PIXMA All-in-One models combine print, scan and copy functions.

\* For more information visit your local Canon website.



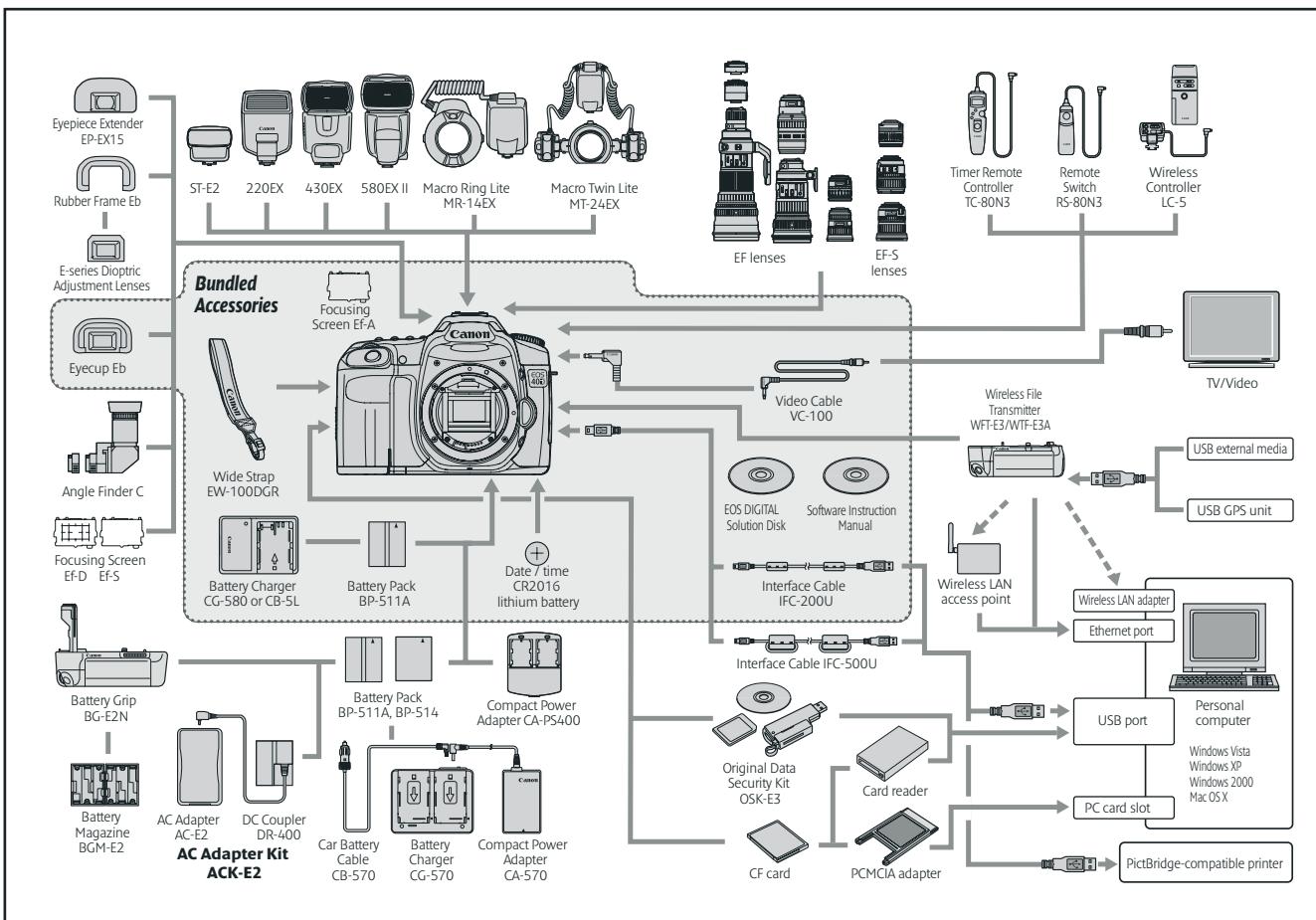
## DIGITAL PHOTO PROFESSIONAL

When you've got the shot you want, fine-tune it to perfection with Canon's Digital Photo Professional software. This compelling RAW converter, included with both cameras, delivers an extensive array of adjustment and output functions – including Canon's unique Lens Correction feature. By matching the exact EF or EF-S lens specification and using focal length and distance information stored by the camera, this application works to correct those minute aberrations that can occur even with

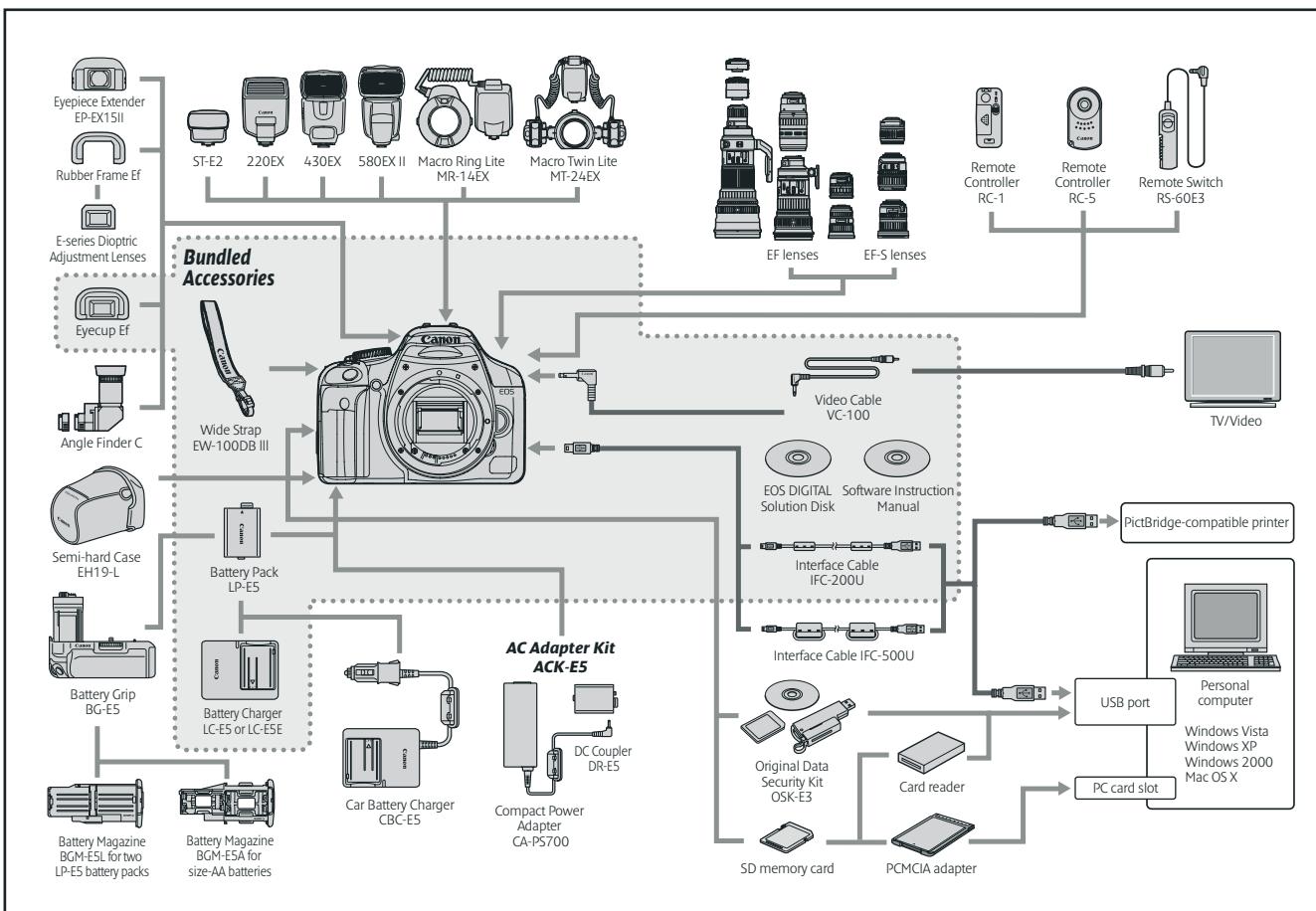
the highest-quality glass. Several other functions also integrate with camera features. Working with the Dust Delete Data function on both models, Digital Photo Professional can recognise and remove any stubborn dust spots visible on your images. Picture Style Editor, also supplied, allows you to create your own Picture Styles – either by tweaking current styles to your liking or creating new styles for special effects. Get ready for total control over every aspect of your digital negative.



## SYSTEM CHART EOS 40D



## SYSTEM CHART EOS 450D



# SPECIFICATIONS

		<b>EOS 40D</b>	<b>EOS 450D</b>
<b>IMAGING</b>			
Imaging Element/Effective Pixels	CMOS/approx. 10.1 Megapixel	CMOS/approx. 12.2 Megapixel	
Effective Sensor Size	22.2 x 14.8mm	22.2 x 14.8mm	
Colour Filter Type	RGB Primary colours	RGB Primary colours	
Low-Pass Filter	Built-in / Fixed with Self Cleaning Sensor Unit	Built-in/Fixed with Self Cleaning Sensor Unit	
35mm Focal Length Equivalent	Approx. 1.6 x	Approx. 1.6 x	
<b>IMAGE RECORDING</b>			
Recording Medium	Compact Flash card / External Media possible with WFT-E3	SD card, SDHC card	
Slot Type/Qty	CF Type I/II <sup>1</sup>	SD (cards up to 2GB) SDHC	
Recording Format	Design rule for Camera File system (JPEG) and/or RAW. Exif 2.21 compliant.	Design rule for Camera File system (JPEG) and/or RAW. Exif 2.21 compliant.	
Image Size	JPEG/Large Fine Normal JPEG/Middle Fine Normal JPEG/Small Fine Normal RAW/Large Fine RAW/Small Fine	3,888 x 2,592 (approx. 3.5MB) 3,888 x 2,592 (approx. 1.8MB) 2,816 x 1,880 (approx. 2.1MB) 2,816 x 1,880 (approx. 1.1MB) 1,936 x 1,288 (approx. 1.2MB) 1,936 x 1,288 (approx. 0.7MB) 3,888 x 2,592 (approx. 12.4MB) 1,936 x 1,288 (approx. 7.1MB)	4,272 x 2,848 4,272 x 2,848 3,088 x 2,056 3,088 x 2,056 2,256 x 1,504 2,256 x 1,504 4,272 x 2,848 —
RAW and JPEG Simultaneous Recording	Provided	Provided RAW + Large fine JPEG	
<b>VIEWFINDER</b>			
Superimposed Display	Provided	Provided	
Coverage (Vertical/Horizontal)	95%	95%	
Magnification (at -1 dpt with 50mm lens set to infinity)	0.95x	0.87x	
Eyepoint (from eyepiece to lens center)	22mm	19mm	
Dioptric Adjustment	-3 to +1 m <sup>-1</sup> (dioptrē)	-3 to +1 m <sup>-1</sup> (dioptrē)	
Interchangeable Focusing Screens	Provided	—	
Eyepiece Shutter	On strap	On strap	
<b>AF</b>			
AF Points	9 Cross Type (f/2.8 at centre)	9 (f/5.6 cross type at center, extra sensitivity at f/2.8)	
AF Modes	ONE SHOT / AI SERVO / AI FOCUS	ONE SHOT / AI SERVO / AI FOCUS	
Predictive AF at 50 kph w/EF 300mm f/2.8L IS	8m	10m	
<b>EXPOSURE CONTROL</b>			
Shooting Modes	12 + 3 custom modes	12	
Metering Segments	35	35	
Metering Modes	Evaluative, partial, spot, center-weighted	Evaluative, partial, spot, center-weighted	
ISO Speed	Range ISO Auto (100-800), 100 - 1,600 in 1/3 increments Enhanced H:3,200	ISO Auto (100-800), 100 - 1,600 in 1/3 increments	
Exposure	Increments and Range 1/2, 1/3-stop increments, ±2 EV	1/2, 1/3-stop increments ±2 EV	
Compensation	Type Manual, AEB	Manual, AEB	
Orientation Sensor	Provided	Provided	
<b>SHUTTER</b>			
Type	Electronically controlled mechanical focal plane shutter	Electronically controlled mechanical focal plane shutter	
Speeds, X-sync	1/8,000 sec. – 30 sec. Bulb X-sync at 1/250 sec.	1/4,000 sec. – 30 sec. Bulb X-sync at 1/200 sec.	
<b>FLASH CONTROL</b>			
E-TTL Autoflash, FP Flash	Provided	Provided	
FE Lock	Provided	Provided	
Built-in Flash/G.No.	Provided / 13	Provided / 13	
<b>DRIVE</b>			
Continuous Shooting Speed	6.5 fps	3.5 fps	
Max. Burst <sup>2</sup>	75 (JPEG) <sup>3</sup> , 17 (RAW)	53 (JPEG) <sup>3</sup> , 6 (RAW)	
Self-timer	10 sec. or 2 sec.	10 sec. or 2 sec. single shot or 10 sec. with 2-10 continuous shot	
<b>WHITE BALANCE</b>			
Type	Image sensor	Image sensor	
Settings	9	8	
WB Bracketing	±3 Levels	±3 Levels	
<b>LCD MONITOR</b>			
Type	TFT	TFT	
Screen Size	3.0"	3.0"	
Dots (Approx.)	230,000	230,000	
Enlarged Image	Provided	Provided	
<b>PLAYBACK/TAGS</b>			
Display Formats	6	6	
Highlight/Magnified Display/Histogram	Provided / Provided / Provided	— / Provided / Provided	
Image Erase Protection	1 image	1 image	
Image Erase	1 image / checkmarked images / all in card / format	1 image, all images on card, checkmarked images, unprotected images	
DCF/DPOF	Provided (v2.0) / Provided (v1.1)	Provided (v2.0) / Provided (v1.1)	
Auto Rotation	Provided	Provided	
<b>OTHER FEATURES</b>			
Custom Functions/Settings	24 / 62	13/34	
External Interface	USB 2.0 Hi-Speed	USB 2.0 Hi-Speed	
Remote Control/PC Terminal	Provided / Provided	Provided / —	
Battery	Lithium ion	Lithium ion	
Battery Life	AE 100% (at 20°C) AE 50%, FA 50%	1100 <sup>3</sup> 800 <sup>3</sup>	600 <sup>3</sup> 500 <sup>3</sup>
LCD Panel (EL) Illumination	Provided	—	
Water/Dust Resistance	Provided <sup>4</sup>	—	
Top/Front/Rear Cover Material	Magnesium alloy	Plastic	
Chassis Material	Stainless steel	Plastic and Stainless Steel	
Operating Temperature Range	0° – 40°C	0° – 40 °C	
Operating Humidity	85% or less	85% or less	
Dimensions (W x H x D)	145.5 x 107.8 x 73.5mm	128.8 x 97.5 x 61.9 mm	
Weight (excluding battery and accessories)	740g	475g	

<sup>1</sup> Compatible with large memory card capacities, including cards of 2GB and more (camera may require firmware update)

<sup>2</sup> Based on Canon's testing conditions with 1GB memory card JPEG quality 8, ISO 100, Standard Picture Style.

Varies depending on the subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.

<sup>3</sup> Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated

<sup>4</sup> Memory card and battery door only

All data is based on Canon's standard testing methods except where indicated. Specifications are subject to change without notice.  
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**More detailed specifications are to be found on your local Canon website.**

# LENSES SPECIFICATIONS CHART

EF Lens	Lens construction (elements/group)	Closest Focusing Distance (m)	Filter Diameter (mm)	Weight (g)	Lens Hood	Lens Case/Pouch
EF 16-35mm f/2.8L II USM	16/12	0.28	82	640	EW-88	LP1319
EF 17-40mm f/4L USM	12/9	0.28	77	475	EW-83E (Standard)	LP1319
EF 20-35mm f/3.5-4.5 USM	12/11	0.34	77	340	EW-83II	LP1214
EF 24-70mm f/2.8L USM	16/13	0.38	77	950	EW-83F	LP1219
EF 24-85mm f/3.5-4.5 USM	15/12	0.5	67	380	EW-73II	LP1014
EF 24-105mm f/4L IS USM	18/13	0.45	77	670	EW-83H	LP1219
EF 28-90mm f/4-5.6 III	10/8	0.38	58	190	EW-60C	LP814
EF 28-90mm f/4-5.6 II USM	10/8	0.38	58	190	EW-60C	LP814
EF 28-105mm f/4-5.6	10/9	0.48	58	210	EW-63B	LP814
EF 28-105mm f/4-5.6 USM	10/9	0.48	58	210	EW-63B	LP814
EF 28-105mm f/3.5-4.5 II USM	15/12	0.5	58	375	EW-63II	LP814
EF 28-135mm f/3.5-5.6 IS USM	16/12	0.5	72	540	EW-78BII	LP1116
EF 28-200mm f/3.5-5.6 USM	16/12	0.45	72	500	EW-78D	LP1116
EF 28-300mm f/3.5-5.6L IS USM	23/16	0.7	77	1,670	EV-83G	LZ1324
EF 55-200mm f/4.5-5.6 II USM	13/13	1.2	52	310	ET-54	LP1016
EF 70-200mm f/2.8L USM	18/15	1.5	77	1,310	ET-83II (Standard)	LZ1324
EF 70-200mm f/2.8L IS USM	23/18	1.4	77	1,470	ET-86 (Standard)	LZ1324
EF 70-200mm f/4L IS USM	20/15	1.2	67	760	ET-74	LP1224
EF 70-200mm f/4L USM	16/13	1.2	67	705	ET-74 (Standard)	LZ1224
EF 70-300mm f/4-5.6 IS USM	15/10	1.5	58	630	ET-65B	LP1222
EF 70-300mm f/4.5-5.6 DO IS USM	18/12	1.4	58	720	ET-65B	LP1116
EF 75-300mm f/4-5.6 III USM	13/9	1.5	58	480	ET-60	LP1019
EF 75-300mm f/4-5.6 III	13/9	1.5	58	480	ET-60	LP1019
EF 90-300mm f/4-5.6	13/9	1.5	58	420	ET-60	LP1019
EF 90-300mm f/4.5-5.6 USM	13/9	1.5	58	420	ET-60	LP1019
EF 100-300mm f/4.5-5.6 USM	13/10	1.5	58	540	ET-65III	LP1019
EF 100-400mm f/4-5.6L IS USM	17/14	1.8	77	1,380	ET-83C (Standard)	LZ1324
EF 15mm f/2.8 Fisheye	8/7	0.2	Filter Holder	330	—	LP814
EF 14mm f/2.8L II USM	14/11	0.2	Filter Holder	645	Built-in	LP1016
EF 20mm f/2.8 USM	11/9	0.25	72	405	EW-75II	LP1214
EF 24mm f/1.4L USM	11/9	0.25	77	550	EW-83DII (Standard)	LP1214
EF 24mm f/2.8	10/10	0.25	58	270	EW-60II	LP811
EF 28mm f/1.8 USM	10/9	0.25	58	310	EW-63II	LP814
EF 28mm f/2.8	5/5	0.3	52	185	EW-65II	LP1011
EF 35mm f/1.4L USM	11/9	0.3	72	580	EW-78C (Standard)	LP1214
EF 35mm f/2	7/5	0.25	52	210	EW-65II	LP1011
EF 50mm f/1.2L USM	8/6	0.45	72	590	ES-78	LP1214
EF 50mm f/1.4 USM	7/6	0.45	58	290	ES-71II	LP1014
EF 50mm f/1.8 II	6/5	0.45	52	130	ES-62	LP1014
EF 85mm f/1.2L II USM	8/7	0.95	72	1,025	ES-79 II (Standard)	LP1219
EF 85mm f/1.8 USM	9/7	0.85	58	425	ET-65III	LP1014
EF 100mm f/2 USM	8/6	0.9	58	460	ET-65III	LP1014
EF 135mm f/2L USM	10/8	0.9	72	750	ET-78II (Standard)	LP1219
EF 135mm f/2.8 (with Softfocus)	7/6	1.3	52	390	ET-65III	LP1016
EF 200mm f/2L IS USM	17/12	1.9	52 Drop-in	2,520	ET-120B	Lens Case 200
EF 200mm f/2.8L II USM	9/7	1.5	72	765	ET-83BII (Standard)	LP1222
EF 300mm f/2.8L IS USM	17/13	2.5	52 Drop-in	2,550	ET-120 (Standard)	Lens Case 300
EF 300mm f/4L IS USM	15/11	1.5	77	1,190	—	LZ1128
EF 400mm f/2.8L IS USM	17/13	3	52 Drop-in	5,370	ET-155 (Standard)	Lens Case 400
EF 400mm f/5.6L USM	7/6	3.5	77	1,250	—	LZ1132
EF 400mm f/4 DO IS USM	17/13	3.5	52 Drop-in	1,940	ET-120 (Standard)	Lens Case 400B
EF 500mm f/4L IS USM	17/13	4.5	52 Drop-in	3,870	ET-138 (Standard)	Lens Case 500
EF 600mm f/4L IS USM	17/13	5.5	52 Drop-in	5,360	ET-160 (Standard)	Lens Case 600
EF 800mm f/5.6L IS USM	18/14	6	52 Drop-in	4,500	ET-155	Lens Case 800
Extender EF 1.4x II	5/4	—	—	220	—	LP811
Extender EF 2x II	7/5	—	—	265	—	LP811
EF 50mm f/2.5 Compact Macro	9/8	0.23	52	280	—	LP814
Life-Size Converter EF	4/3	0.24	—	160	—	LP811
MP-E 65mm f/2.8 1-5x Macro Photo	10/8	0.24	58	710	—	LP1216
EF 100mm f/2.8 Macro USM	12/8	0.31	58	580	ET-67	LP1219
EF 180mm f/3.5L Macro USM	14/12	0.48	72	1,090	ET-78II	LZ1324
Extension Tube EF 12 II <sup>2</sup>	—	—	—	66	—	LP811
Extension Tube EF 25 II <sup>3</sup>	—	—	—	125	—	LP811
TS-E 24mm f/3.5L	11/9	0.3	72	570	EW-75BII (Standard)	LP1216
TS-E 45mm f/2.8	10/9	0.4	72	645	EW-79BII (Standard)	LP1216
TS-E 90mm f/2.8	6/5	0.5	58	565	ES-65III (Standard)	LP1016

\* Only for EOS 40D, EOS 30D, EOS 20D, EOS 450D, EOS 400D, EOS 350D and EOS 300D.

(♦ = possible ♣ = not possible)

Extender EF 1.4x II												
Lens Attachment	EF 135mm f/2L USM	EF 180mm f/3.5L Macro USM	EF 200mm f/2.8L II USM	EF 300mm f/2.8L IS USM	EF 400mm f/2.8L IS USM	EF 400mm f/4 DO IS USM	EF 400mm f/5.6L USM	EF 500mm f/4L IS USM	EF 600mm f/4L IS USM	EF 70-200mm f/2.8L IS USM	EF 70-200mm f/4L IS USM	EF 70-200mm f/4L IS USM
Focal Length (mm)	189	252	280	420	420	560	560	560	700	840	98-280	98-280
f-stop (f)	2.8 - 45	4.5 - 45 <sup>1</sup>	4 - 45	5.6 - 45	4 - 45	5.6 - 45	8 - 45	5.6 - 45	5.6 - 45	4 - 45	4 - 45	5.6 - 45
Max. Magnification (x)	0.27	1.4	0.22	0.19	0.33	0.22	0.17	0.18	0.17	0.17	0.22	0.24
AF	♦	♦	♦	♦	♦	♦	♦	♣	♦	♦	♦	♦

Extender EF 2x II												
Lens Attachment	EF 135mm f/2L USM	EF 180mm f/3.5L Macro USM	EF 200mm f/2.8L II USM	EF 300mm f/2.8L IS USM	EF 400mm f/2.8L IS USM	EF 400mm f/4 DO IS USM	EF 400mm f/5.6L USM	EF 500mm f/4L IS USM	EF 600mm f/4L IS USM	EF 70-200mm f/2.8L IS USM	EF 70-200mm f/4L IS USM	EF 70-200mm f/4L IS USM
Focal Length (mm)	270	360	400	600	600	800	800	800	1,000	1,200	140-400	140-400
f-stop (f)	4 - 64	6.7 - 64 <sup>1</sup>	5.6 - 64	5.6 - 64	8 - 64	5.6 - 64	8 - 64	11 - 64	8 - 64	5.6 - 64	5.6 - 64	8 - 64
Max. Magnification (x)	0.38	2	0.32	0.28	0.47	0.31	0.24	0.25	0.24	0.33	0.36	0.45
AF	♦	♣	♦	♦	♦	♦	♦	♣	♦	♦	♦	♦

1 Data based on EOS models with exposures displayed in 1/2 stop increments. The aperture value is slightly different with cameras displaying 1/3 stops.

2 Extension Tube EF 12 II cannot be used with the following lenses at wide angles: EF 16-35mm f/2.8L II USM,

EF 10-22mm f/3.5-4.5 USM, EF-S 17-55mm f/2.8 L IS USM, EF-S 17-55mm f/3.5-5.6 IS.

3 Extension Tube EF 25 II cannot be used with the following lenses at wide angles: EF 16-35mm f/2.8L II USM, EF 17-40mm f/4L USM, EF 24-70mm f/2.8L USM, EF 24-105mm f/4L IS USM, EF 28-300mm f/3.5-5.6L IS USM, EF-S 10-22mm f/3.5-4.5 USM, EF-S 17-55mm f/4-5.6 L IS USM, EF-S 18-55mm f/3.5-5.6 II, EF-S 18-55mm f/3.5-5.6 IS and not recommended for the following lenses near the tele end: EF-S 10-22mm f/3.5-4.5 USM, EF-S 17-55mm f/2.8 L IS USM.

4 If the EF 70-200mm f/2.8L USM lens is attached to an EOS camera having multiple focusing points and an Extender is attached to the lens, only the center focusing point will be usable for AF.

5 The auto-focusing range is from 0.8m to infinity.

6 With the EOS-1Ds Mark II, EOS-1Ds, EOS-1D Mark III, EOS-1D Mark II N, EOS-1D Mark II, EOS-1D, EOS 5D, EOS-1V/H5 and EOS 3, AF is possible with the center focusing point. With other EOS cameras, only manual focus is available.

7 The Image Stabilizer does not operate with the following cameras: EOS 650, 620, 630/600, RT, 700, 750, 850, EOS-1, A2/A2E, 10s, Elan, Rebel/Rebel S, Rebel II/Rebel SII.

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